



# National Weather Service

## Storm Data and Unusual Weather Phenomena



June 1999

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm
					Killed	Injured	Property		

### KANSAS, Extreme Southeast

#### **Cherokee County**

<b>East Portion</b>	22	2100CST 2300CST			0	0			<b>Flash Flood</b>
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Thunderstorms produced locally heavy rain which produced minor flooding on low lying roadways

#### **Cherokee County**

<b>North Portion</b>	24	0750CST			0	0			<b>Flash Flood</b>
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Thunderstorms produced 3 inches of rain in less than two hours which led to the flooding of roadways.

#### **Bourbon County**

<b>Countywide</b>	28	0900CST 1200CST			0	0			<b>Flash Flood</b>
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#### **Cherokee County**

<b>Countywide</b>	28	0945CST 1200CST			0	0			<b>Flash Flood</b>
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#### **Crawford County**

<b>Countywide</b>	28	0951CST 1200CST			0	0			<b>Flash Flood</b>
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Heavy rain producing thunderstorms caused widespread, but generally minor, flooding of low lying areas. A few roads were briefly flooded.

### MISSOURI, Southwest

#### **Ozark County**

<b>Brixey</b>	01	0424CST			0	0			<b>Hail (1.00)</b>
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#### **Polk County**

<b>3 W Bolivar</b>	01	1511CST 1535CST			0	0			<b>Hail (0.75)</b>
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#### **Camden County**

<b>Decaturville</b>	01	1515CST			0	0	5K		<b>Thunderstorm Wind</b>
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Thunderstorm winds destroyed a garage.

#### **Miller County**

<b>Eldon</b>	01	1535CST			0	0			<b>Hail (1.75)</b>
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#### **Miller County**

<b>Olean</b>	01	1535CST			0	0			<b>Hail (0.75)</b>
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#### **Newton County**

<b>Seneca</b>	01	1610CST			0	0			<b>Hail (1.00)</b>
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#### **Newton County**

<b>3 W Neosho</b>	01	1620CST			0	0			<b>Hail (1.00)</b>
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#### **Newton County**

<b>Neosho</b>	01	1620CST			0	0			<b>Hail (1.00)</b>
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#### **Maries County**

<b>7 S Brinktown</b>	01	1625CST	1	200	0	0	75K		<b>Tornado (F1)</b>
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A tornado destroyed a home about 7 miles south of Brinktown

#### **Texas County**

<b>Houston</b>	01	1655CST			0	0			<b>Hail (0.88)</b>
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#### **Texas County**

<b>Raymondville</b>	01	1715CST			0	0			<b>Hail (1.00)</b>
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### MISSOURI, Southwest

#### Phelps County

4 W St James to 3 E St James	01	1720CST 1730CST	7	300	0	0	3.5M		Tornado (F3)
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A tornado with an intermittent damage path, damaged 200 homes, businesses, and other buildings in the southern portion of St. James. Of these, 33 homes were destroyed along with the St. James Golf Course clubhouse and two Missouri Department of Transportation (MODOT) buildings.

Initially, the tornado touched down just west of the intersection of Hwy BB and County Road (CR) 3370 and produced F1 damage, damaging roofs and destroying a barn. The path width was about 200 yards.

The tornado then moved east, south of the downtown St. James area and intensified. F2-F3 damage occurred with a 200-300 yard damage path. Several homes and farm buildings were severely damaged or destroyed. F3 damage occurred at the golf course and at the MODOT site south-southeast of town with a damage path width of 300 yards. The tornado then weakened rapidly, producing F1 damage with a damage path width of 150 yards about 3 miles southeast of downtown.

#### Phelps County

Flat to 5 E Flat	01	1755CST 1800CST	5	400	0	0	100K		Tornado (F1)
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A tornado severely damaged one home and destroyed outbuildings north of Edgar Springs near the town of Flat. One garage was destroyed.

#### Phelps County

4 NE Edgar Spgs to 5 NE Edgar Spgs	01	1810CST 1815CST	1	250	0	0	175K		Tornado (F2)
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#### Dent County

5 SW Lecomma to 4 SW Lecomma	01	1815CST 1820CST	1	250	0	0	60K		Tornado (F2)
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A tornado touched down northeast of Edgar Springs and moved into rural areas in northwest Dent County. 12 homes were damaged and 2 were destroyed in the Edgar Springs area. One mobile home was severely damaged in northwest Dent County. Numerous trees and power lines were downed.

#### Dent County

Lake Spg	01	1820CST			0	0	0		Hail (1.00)
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A thunderstorm produced quarter sized hail and downed large tree limbs.

#### Dent County

3 SW Lecomma	01	1822CST	0.2	100	0	0	0		Tornado (F0)
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A tornado briefly touched down just southwest of Lecomma in northwestern Dent County. Numerous trees were damaged and uprooted.

#### Wright County

5 SE Grovespring	01	1828CST			0	0			Hail (1.00)
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#### Dent County

2 N Salem	01	1835CST			0	0	0		Thunderstorm Wind
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Thunderstorm winds downed trees just north of Salem.



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### MISSOURI, Southwest

#### Wright County

7 N Hartville	01	1835CST	0.2	50	0	0	0	Tornado (F0)
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A tornado briefly touched down damaging and uprooting trees.

#### Texas County

Houston	01	1910CST			0	0		Hail (1.00)
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#### Texas County

Houston	01	1910CST			0	0		Hail (1.00)
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#### Dent County

Lenox	01	1915CST			0	0	5K	Thunderstorm Wind
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Thunderstorm winds downed power poles and trees.

#### Texas County

Licking	01	1915CST			0	0		Hail (0.88)
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#### Greene County

6 NE Springfield	07	1553CST			0	0		Hail (0.88)
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#### Dade County

Greenfield	07	1715CST			0	0		Hail (0.75)
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#### Christian County

Clever	07	1801CST			0	0		Hail (0.75)
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#### Christian County

Billings	07	1804CST			0	0		Hail (0.75)
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#### Taney County

Forsyth	10	1010CST			0	0		Hail (0.88)
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#### Douglas County

West Portion	10	1145CST			0	0		Flash Flood
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Thunderstorms produced locally heavy rain which led to minor flooding of low lying roads.

#### Douglas County

3 W Ava	10	1145CST			0	0	2K	Thunderstorm Wind
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Thunderstorm winds downed power lines.

#### Shannon County

West Portion	12	1400CST 1700CST			0	0		Flash Flood
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Thunderstorms produced 2 to 3 inches of rain in a 3 hour period which led to minor flooding of streams and low lying roadways. Most of the flooding was confined to western and southern sections of the county.

#### Barry County

South Portion	13	1545CST 2000CST			0	0		Flash Flood
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Thunderstorms produced rainfall in excess of 4 inches which led to the flooding of low lying roadways near Seligman and the Roaring River State Park area.

#### Vernon County

Nevada	13	1620CST 1640CST			0	0	75K	Thunderstorm Wind
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Two downbursts produced widespread damage in Nevada. The first downburst occurred at 520 pm CDT (420 pm CST) and was estimated at 60 to 70 mph. Another downburst occurred about 10 minutes later and produced winds estimated at 80 to 100 mph. Numerous trees, power lines, and power poles were downed. One tree fell on a car and destroyed it. Marmaduke Park (northwest Nevada) and the State Hospital Campus experienced extensive tree damage. Many homes experienced minor roof damage. One roof was blown completely off of a truck company building and found 100 to 200 yards southeast of the building site.



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<b><u>MISSOURI, Southwest</u></b>							
<b>Greene County</b> 2 E Springfield	13	1930CST			0 0	2K	Thunderstorm Wind
							Thunderstorm winds blew trees down and knocked a small outbuilding over.
<b>Maries County</b> Vichy	27	1157CST			0 0		Thunderstorm Wind (G50)
<b>Phelps County</b> Rolla	27	1200CST			0 0	5K	Thunderstorm Wind
							Thunderstorm winds downed power lines.
<b>Phelps County</b> Edgar Spgs	27	1220CST			0 0	5K	Thunderstorm Wind
							Thunderstorm winds downed power lines.
<b>Dent County</b> Salem	27	1240CST			0 0	3K	Thunderstorm Wind
							Thunderstorm winds downed power lines.
<b>Shannon County</b> Eminence	27	1345CST			0 0		Thunderstorm Wind (G55)
<b>Benton County</b> 2 N Warsaw	27	1650CST			0 0	5K	Thunderstorm Wind
							Thunderstorm winds downed trees and power lines.
<b>Cedar County</b> 2 NW Stockton	27	1850CST			0 0		Hail (1.00)
<b>Benton County</b> Lincoln	27	2220CST			0 0	5K	Thunderstorm Wind
							Thunderstorm winds downed power lines.
<b>Morgan County</b> Countywide	27 28	2238CST 0200CST			0 0		Flash Flood
<b>Benton County</b> Countywide	27 28	2240CST 1700CST			0 0	30K	Flash Flood
<b>St. Clair County</b> Countywide	28	0400CST 1200CST			0 0		Flash Flood
							A complex of thunderstorms produced 3 to 6 inches of rain over portions of central and west central Missouri which led to widespread flooding of low lying areas. The hardest hit area was in northern Benton County where some roads were washed out and damaged.
<b>Morgan County</b> 11 SW Gravois Mills	27	2245CST			0 0	5K	Thunderstorm Wind
							Thunderstorm winds downed a tree onto a mobile home near Ivy Bend along the Osage River.
<b>Camden County</b> Climax Spgs	27	2256CST			0 0	0	Thunderstorm Wind
							Thunderstorm winds downed trees.
<b>Morgan County</b> Barnett	27	2310CST			0 0		Thunderstorm Wind (G55)
<b>Camden County</b> Osage Beach	27	2310CST			0 0	10K	Thunderstorm Wind
							Thunderstorm winds downed numerous trees and power lines near Osage Beach.
<b>Vernon County</b> 5 SW Nevada	28	0115CST			0 0	10K	Thunderstorm Wind
							Thunderstorm winds destroyed part of a roof and downed trees.



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### MISSOURI, Southwest

#### Cedar County

##### Stockton

28 0200CST 0 0 Hail (0.75)

#### Jasper County

##### Joplin

28 0920CST 0.2 40 0 0 220K Tornado (F1)

A tornado briefly touched down in the south part of the city of Joplin. The tornado picked up a car and a small truck. The car was thrown into a strip mall complex damaging a corner of the building. The truck was pushed into a portion of a car wash. The car wash sustained damage to about 60 percent of the facility. Two large concrete bases for the vacuum equipment were picked up or rolled about 10 feet from their original location.

The tornado also uprooted trees, blew a metal shed into a tree, completely took the roof off of one home and toppled a chimney.

#### Jasper County

##### Sarcoxie

28 1000CST 0 0 0 Thunderstorm Wind

Large tree limbs blown down.

#### Jasper County

##### Joplin

28 1000CST  
1200CST 0 0 Flash Flood

Thunderstorms that produced locally heavy rain caused some minor flooding along Turkey creek in eastern Joplin.

#### Newton County

##### Countywide

30 0218CST  
0600CST 0 0 Flash Flood

Thunderstorms produced heavy rain that led to some minor street and road flooding in and around Neosho and Seneca

#### Jasper County

##### South Portion

30 0945CST  
1100CST 0 0 Flash Flood

A complex of thunderstorms produced heavy rain that led to minor flooding in Joplin and along Center Creek in southern Jasper County.